		72 LOV.	D 3 4	14-1			NA VENEZA -						
Work Ord February-12-14			B 4 1 4	•	*113	3068*						Page	<b>:</b> 1
Item ID: Revision ID: Item Name:	D3414-3 Lug			,	Accept	*N900	040	100	)*		tart :	*NS1*	
Start Date: Required Date	2/10/14	Start Qty Req'd Qt		*40* *40*		Cust Item :	ID:		·		-	*NS2*	
Reference: Approvals:	Process Pla	n: <u>ML</u>	<b>S</b>	Date: \\\-\52-\3	Tooling: SPC (Y/N):		ate:				tart ;	*NR1* *NR2*	•
Sequence ID/ Work Center I		Operation Description			Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty		ject Insp. mber Stamp	*
Draw Nbr		ision Nbr											
D3414 100 *100*	Rev	С			0.00	3 - 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		<u>.</u>	(14			DAS 37 9-89 /4	
Bandsaw Jeaspa Bandsaw			<b>Memo</b> Cut blanks: 2	2.50" x 0.500" x 2.250" lo	0.00 ng		-		<u> 7P</u>	_ Ø_		9-89 / 7	<u>'</u> . 05 ·
110 <b>*110*</b> HAAS 1 HAAS CNC vertica	al machine #1		<b>Memo</b> Machine as j	per Folio FA569 and Dwg	0.00 0.00 D3414				40	Ø		M4 14/05	
	•		Identify as D	03414-3Dwg Rev Fo	olio Rev <u>C</u>							14.0	5.17

120

QC2- Inspect parts off machine FAI/FAIB

0.00

\*120\*

Memo

Quality Control

0.00

MH 14/05/15 40 0

DQA:		Date:						DART					
0.4.01		D - 4			WORK ORDER NON-	-C(	ONFO	RMANCE / UF	PDATE				AEROSPACE
QA Closed:	· · · .	Date:						=- =		W	ork Order up	odate only	
Work Orde	er:				DISPOSITION				AGAINST	DE	PARTMENT	/PROCESS	
				_	Rework	1		Skid-tube	Crosstube	Г	]	Water Jet	Engineering
Part N	o.				Scrap		· —		Small Fab	${f -}$	Pro	d. Eng. Coor.	Quality
					Use-as-is		Thermoforming Finishing		-	1	re/Packaging	Other	
NCR N	lo.				Suspected Unapproved			Large Fab	Composite		<u>'</u>	Supplier	
						•							
Root				Desci	ription of work order update	ı	Initial	Acti	ion		Sign &		
Cause	Date	Step	Qty		or non-conformance	Ch	nief Eng	Descri	iption		Date	Verification	QC Inspector
Design													
Doc/Data						:							
Equip/Tooling													1
Handling/Pre	_												
Material													
Operator											ļ ļ		
Offset/Setup													
Process	<b>_</b>  `												·
Supplier													,
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Jnapproved		<u> </u>											
······································						FA	ULT CA	regory					
Candin	ng Gear			_	General		1 .			_	1	_	_
	Bending			<u> </u>	Bend		4 `	rogram		Ŀ	Outside Dim	<b> </b>	Pressure/Forced
	Centre No	ot Conce	ntric	_	BOM/Route	<u> </u>	Grain			<u> </u>	Over/Under	<u> </u>	Set-up
	Cracks				Broken/Damage/Defect	<u> </u>	Hardwa				Part Incorre	<b>├</b>	Temperature/Cure
-	Crimp/Kir	nk/Ripple	e/Wave		Burrs	┕	1 '	ion Incomplete/Un	-		Part Lost/Mi	ssing	Weld
-	Cuffs				Contamination	<u> </u>	-	ions Incomplete/U	Inclear		Part Moved	L	Wrong Stock Pulled
ļ-	Crushing			<u> </u>	Countersink		1	ned/off center			Positioned V	_	¬
-	Heat Trea			<u> </u>	Cut Too Short	_	Mislabe				Power Loss/	Surge	Other
}	Inspection	•	Tube	$\vdash$	Drawing	<u> </u>	Misrea						
}	Marks/Ch			<u> </u>	Drill Holes	<u> </u>	Off-set						
}	Turning S				Finish	$\vdash$	4	Calibration					
	Wave/Twist in Tube		<u> </u>	Fit/Function	1	Out of !	Sequence						

Age to the

Work Order ID 113068 \*113068\* Page 2 February-12-14 8:02:46 AM Item ID: D3414-3 Accept \*N900040100\* Setup Start **Revision ID:** Stop Item Name: Lug \*40\* **Start Qty:** 40.00 **Start Date:** 2/10/14 **Cust Item ID:** Required Date: 2/10/14 Rea'd Otv: 40.00 \*40\* **Customer:** Reference: Start Run Process Plan: Date: Tooling: Approvals: Date: Stop OC: Date: SPC (Y/N): Date: Operation Sequence ID/ Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. **Work Center ID** Qty Qty Stamp Description Code Number **Run Hours** al 14/04/17 130 QC8- Inspect parts - second check 0.00 \*130\* 40 8 OC 0.00 Memo Quality Control 140 Identify as per dwg & Stock Location: 0.00 40 /-/4/p/20 \*140\* WAW/ 0.00 Packaging Memo Packaging

0.00

0.00

150

QC

\*150\*

**Quality Control** 

QC21- Final Inspection - Work Order Release

Memo

\_\_\_\_\_14/5/214c

DQA:			Date:			WORK ORDER NON-CONFORMANCE / UPDATE									
QA Closed:			Date:			WORK ORDER NON	-C(	ONFO	RMANCE / UP		Work Ord	er up	date only		AEROSPACE
Mark Ond						DISPOSITION				AGAINST [	<del> • •</del>	<del>-</del> -	-		
Work Ord	er: -		<u> </u>			Daaul	1	Still to be Constant of				Water Jet			Fusinasuina 🗂
Part I	Vo.				i	Rework Scrap		Skid-tube Crosstube Machining Small Fab			$\dashv$	Prod. Eng. Coor.			Engineering Quality
	-	<del></del>				Use-as-is			noforming	Finishing	Rec		e/Packaging	Н	Other
NCR I	NCR No.			Suspected Unapproved			Large Fab	Composite		,	Supplier				
Root					Desci	ription of work order update		L Initial	Actio	on	Sign	&			
Cause	1	Date	Step	Qty		or non-conformance	i	nief Eng	i		Dat	- 1	Verification	n	QC inspector
Design	П									<del></del>					<u>.</u> . •
Doc/Data														i	
Equip/Tooling															
Handling/Pre						,									
Material															
Operator															
Offset/Setup	Ш						,		• .			1			
Process	Ш														
Supplier	Ш														
Training	Ш					•				•		- 1			
Transport	Ш											İ			
Unapproved									<u> </u>						
100							FA	ULT CA	TEGORY						
_ Landi	ng G	iear			_	General		,		_	_				
	Ш	Bending				Bend		Folio/F	Program		Outside	Dime	ensions	Шf	Pressure/Forced
	Ш	Centre N	ot Concer	ntric		BOM/Route	_	Grain			Over/U	nder t	tolerance	بُل	Set-up
	Ш	Cracks				Broken/Damage/Defect	L	Hardwa	are		Part Inc	orrec	i	¹	Temperature/Cure
	Ш	Crimp/Kii	nk/Ripple	/Wave		Burrs	L	Inspect	ion Incomplete/Und	qualified	Part Los	st/Mis	ssing	∐\	Weld
	$\vdash$	Cuffs			$\perp$	Contamination	L	4	tions Incomplete/Ur	nclear	Part Mo			∐\	Wrong Stock Pulled
	$\vdash$	Crushing			$\perp$	Countersink	-	4 ~	gned/off center		Position		-		
; !	${m -}$	Heat Trea			$\perp$	Cut Too Short	L	Mislabe		L	Power I	Loss/S	Gurge		Other
	-	Inspectio	•	Tube		Drawing		Misread							
	-	Marks/Cl			L	Drill Holes		Off-set			<b></b>				
		Turning S	equence		L	Finish		Out of 0	Calibration						
	l l	Wave/Twist in Tube			Fit/Function		Out of	Sequence							

**Picklist Print** 

February-12-14 8:02:49 AM

Work Order ID: 113068

\*113068\*

Parent Item: D3414-3

\*D3414-3\*

Parent Item Name: Lug

**Start Date: 2/10/14** 

Required Date: 2/10/14

Page 1

**Start Qty: 40.00** 

Required Qty: 40.00

Comments:

IPP A05.09.13New issueKJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch		Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304B0.500X2,500		Purchased	No			100	f	26.9167	0.1875	7.5		DAS	
*M304B0	500X2 5	500*							**			<b>37</b> 9-89	4-05.

304 BAR .500 x 2.50

Location	Loc Oty	Loc Code	
MAT049	26.9167		
119231	14		
m128140	12.91,67		
128882			7.59t.

DQA:	Date:						TAART							
QA Closed:			Date:			WORK ORDER NON	-C(	ONFO	RMANCE / U		Work Order u	pdate only 「		AEROSPACE
	,					DISPOSITION					DEPARTMENT	· ·		
Work Orde	er: _					, <sub>,</sub> ,	ı					_		
Down N	1					Rework		<b>I</b>		Crosstube	<del></del>		$\dashv$	Engineering
Part N	··· -		· · · · · · · · · · · · · · · · · · ·			Scrap Use-as-is		1	Machining noforming	Small Fab Finishing	_	d. Eng. Coor. re/Packaging	$\dashv$	Quality Other
NCR N	J۸					Suspected Unapproved		men	Large Fab	Composite		Supplier	$\dashv$	
110111	-					Suspected Onapproved	I		carge rab	composite		adplici		<b>لــِـا</b>
Root	T				Desc	ription of work order update		nitial	Ac	tion	Sign &			· · · · · · · · · · · · · · · · · · ·
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Desc	ription	Date	Verification		QC Inspector
Design		t i									,			
Doc/Data														
Equip/Tooling	_													
Handling/Pre												1		
Material	Ц											li.		
Operator	_										l			
Offset/Setup	4											ľ		
Process	_													
Supplier	_								1					
Training	_					•						Ì		
Transport			1											
Unapproved			l				<u></u>		<u> </u>					
1							FA	ULI CA	TEGORY					<del>-</del>
Landir	$\overline{}$				г	<b>General</b> Bend		احمانه ار	Program	Г	Outside Dim	ansians [		ressure/Forced
}	_	Bending	ot Concer	stric		BOM/Route	_	Grain	rogram	ŀ	Over/Under	F-	_	et-up
}	_	Cracks	or concer	HIIC	-	Broken/Damage/Defect	_	Hardwa	aro.	H	Part Incorre	<b>⊢</b>	_	emperature/Cure
-	$\overline{}$		nk/Ripple	/Maya	-	Burrs	-	4	ion Incomplete/U	ngualified	Part Lost/Mi		_	/eld
<u> </u>	_	Cuffs	ik/itippie	, wave	$\vdash$	Contamination	$\vdash$	1	tions Incomplete/	· · · · · · · · · · · · · · · · · · ·	Part Moved	1331118	_	rong Stock Pulled
ŀ	_	Crushing			$\vdash$	Countersink	$\vdash$	4	gned/off center	Officiear	Positioned V	L Wrong	'``	Tong Stock Funcu
	_	Heat Trea	ıt			Cut Too Short		Mislabe	=	ŀ	Power Loss/	_	$\neg_{\circ}$	ther
	-		n Strip in	Tube		Drawing		Misrea		Ļ				
	_	Marks/Ch				Drill Holes		Off-set						
ļ	_					Finish	$\vdash$	4	Calibration				·	
	Turning Sequence Wave/Twist in Tube					Fit/Function		-	Sequence					

DART AEROSPACE LTD	Work Order:	113068
Description: Lug	Part Number:	D3414-3
Inspection Dwg: D3414 Rev: C		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

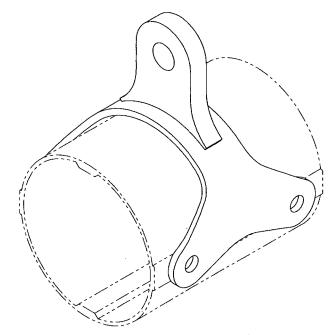
X First Article X Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.510	+0.008/-0.001	-511	<b>J</b>		MH-04	Caliper
2.07	+/-0.030	2.074				
1.99	+/-0.030	1.988	1			
1.30	+/-0.030	1.305	<b>✓</b>			
1.12	+/-0.030	1.121	1		\	
0.38	+/-0.030	-375	V			
0.060	+/-0.010	- 065	<b>✓</b>		<u> </u>	
						,
			· · · · · · · · · · · · · · · · · · ·			<u> </u>
				-		, and a second as a

Measured by:	MH	Audited by:	and	Prototype Approval:	N/A
Date:	14/05/16	Date:	14/05/17	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	09.09.14	New Issue	KJ IN	11
В	09.11.12	Dwg Rev updated	KJ 📆	- M
			<del></del>	

ITEM No.	QTY. -041	PART NUMBER	DESCRIPTION
1	Х	D3414-041	LUG ASSEMBLY
2	1	D3414-1	LUG BRACKET
3	1	D3414-3	LUG



D3414-041 LUG ASSEMBLY

D

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3414-041" USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: 0.52 lbs

113068MLJ 1402-13

						l	
С		SHARP EDGES 030 (ZN A7-3)	FOR -3 NOW 0.030-0.060 WAS	CP	09.06.17		
В	STANDA FLAT PA PREVEN REMOVE OF MAN	IG REDRAWN II RRDS AND TRAI ATTERN FOR -1 IT FOULING AT ED FROM -1 (P/ UFACTURE. B7 3 1.12 DIM WA	AJS	08.09.23			
Α	NEW ISS	SUE	CP	05.03.16			
REV.			BY	DATE			
DESIGN	1	₫P	DART AEROSPACE LTD				
DRAWN	1	C₽	HAWKESBURY, ONTARI			ľ	
CHECK	ED		DRAWING NO.		REV. C		
MFG. A	PPR.	P	D3414		SHEET 1 OF 3		
APPRO	VED	W	TITLE		SCALE		
DE APPR.			LUG ASSEMBLY NTS				
DATE	09.0	6.17	COPYRIGHT © 2005 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND COMPOSITION THE SUPPLES ON THE COPRESS CONDITION THAT IT IS  NOT TO BE USED FOR ANY PURPOSE OR COPED OR COMMANDED TO ANY OTHER PURPOS WHITTHEY PROPESSION FORMOMENT APPROPRIES LTD.				

